

Abstract

A method and device for string matching HTTP headers. The method typically includes identifying a predefined string, identifying an unknown string to compare with the predefined string, performing a bitwise exclusive OR operation on an ASCII binary representation of at least one segment of the unknown string and an ASCII binary representation of at least one segment of the predefined string, and identifying a case-insensitive string match based on the exclusive OR operation. The method may further include performing a bitwise operation with a predefined flag to determine the case-insensitive segment match.